

## FIELD CHANGE REQUEST (FCR) FORM

Project Name: Arkema Project Area – PDI Phase 1

Project No.: CF167

Client: LSS/Retia USA

Request No.: FCR-03

To: Madi Novak, EPA Date: July 15, 2021

Field Change Request Title: Shift Riverbank Borings to 3 ft Landward of Top of Bank

### Description:

During reconnaissance of the proposed riverbank boring location between June 22 and July 9, 2021, the locations for a number of the “top of bank” riverbank soil borings were observed to be approximately 6 to 25 ft below the top of bank. The majority of the Arkema Project Area riverbank area is very steep. Collecting soil samples on steep slopes poses a significant slip/trip/fall health and safety hazard. The boring locations were placed on large scale maps in the Pre-design Investigation Work Plan, and it was not known that some of the borings were located on steep slopes. Below are photos showing examples of the steep slopes on portions of the Arkema Project Area near the Salt Dock and GS Roofing.



### Recommended Change:

The riverbank soil borings located near the top of bank (e.g., RH-8, RH-9, RH-12, RH-14, RH-16, RH-18, RH-20, RH-22, RH-24, RH-26, RH-28, RH-30, RH-31, RH-33, and RH-35) will be moved approximately 3 ft landward of the top of bank so they can be safely advanced. The data quality objectives (DQOs) for the riverbank borings are to delineate Portland Harbor contaminants of concern in riverbank soil in support of remedial design. Shifting the borings 3 ft landward of the top of bank will meet the intended DQOs and will significantly reduce slip/trip/fall hazards for the field crew.

Eron Dodak  
Field Operations Lead (or designee)

  
Signature

July 15, 2021  
Date

Approval:

Eron Dodak  
Project Manager

  
\_\_\_\_\_  
Signature

July 15, 2021  
Date

Madi Novak  
EPA Remedial Project Manager

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Signature

\_\_\_\_\_  
Date

Distribution:

LSS Project Coordinator  
Integral Project Manager  
Field Operations Lead  
QA Officer

Project File  
Other: